

Work Order ID 161455

Tuesday, May 16, 2017 2:26:07 PM

161455

Page 1

Item ID: D4405-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Eye And Fork Swivel
Start Date: 5/16/2017 Start Qty: 4.00 ***4*** Cust Item ID:
Required Date: 5/23/2017 Req'd Qty: 4.00 ***4*** Customer:
Reference: SCHEDULED

Approvals: Process Plan: DAS 21 Date MAY 16 2017 Tooling: _____ Date: _____ Run Start ***NR1***
QC: 9-89 Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr								
D4405	A								

100 0.00 ***100*** 4 MAY 17 2017 DAS 13 9-89
Purchasing

Purchasing Memo
Issue P/O: 36355
Manufacture as per Dwg D4405
Possible Supplier: McMaster Carr
Material release note required

110 Receive & Inspect for Damage & Mat'l Certs 0.00

110 0.08
Packaging Memo
Packaging

120 QC6- All purchased or subcontracted products 0.00

120 0.00
QC Memo
Quality Control

4x80175-21

4 MAY 23 2017 30 9-89

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong		
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions		
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance		
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect		
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing		
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved		
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing		
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish		
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread		
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence		
Past Expiry Date ☐	☐ Manufacturing Process						
Misidentified ☐	☐ Past Due	OTHER : _____					

Work Order ID 161455

Tuesday, May 16, 2017 2:26:07 PM

161455

Page 2

Item ID: D4405-1

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Eye And Fork Swivel

Start Date: 5/16/2017 Start Qty: 4.00

4

Cust Item ID:

Required Date: 5/23/2017 Req'd Qty: 4.00

4

Customer:

Reference: SCHEDULED

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: _____

0.00

130

Packaging

Packaging

Memo

LOCATION: WA002

0.04

4

DAS
6
9-89

MAY 24 2017

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Quality Control

Memo

0.40

17/5/25 JJ

DAS
21
9-89

MAY 24 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By _____		
							Lead hand / Supervisor Approval Verification _____		
							QC / QA Coordinator Approval _____		

Root Cause				FAULT CATEGORY			
Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐
Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐
Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐
Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐
Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date ☐	☐	Manufacturing Process	☐	OTHER : _____			
Misidentified ☐	☐	Past Due	☐				

Picklist Print

Tuesday, May 16, 2017 2:26:10 PM

Page 1

Work Order ID: 161455

Parent Item: D4405-1

Parent Item Name: Eye And Fork Swivel

Start Date: 5/16/2017

Required Date: 5/23/2017

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP rev A 11.05.24 new issue EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
30365T35 Swivel Eye & Fork		Purchased	No			100	Each	0.0000	1	4			

4x 8P17-5-21.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

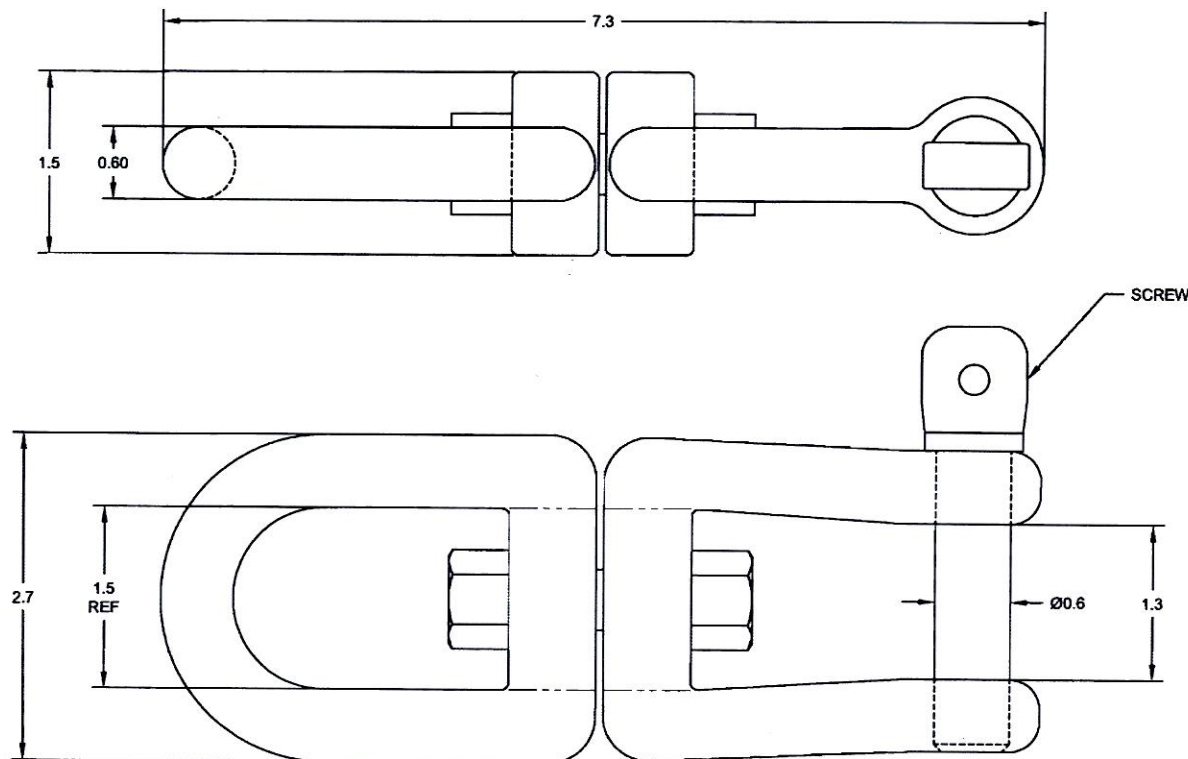
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Misidentified ☐	Past Due ☐																																																																

SPECIFICATION CONTROL DRAWING

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 161455 MJS

1705-16



D4405-1 EYE AND FORK SWIVEL

NOTES:

- 1) MATERIAL: STAINLESS STEEL
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 2.0 lbs APPROX
- 8) PREFERRED SUPPLIER McMASTER CARR PART NUMBER 30365T35
- 9) THIS PART IS NOT AIRWORTHY

RELEASED
2011-05-19

A		NEW ISSUE		AJS	11.05.18
REV.		DESCRIPTION		BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWN	AJS				
CHECKED		DRAWING NO.		REV. A	
MFG. APPR.		D4405		SHEET 1 OF 1	
APPROVED		TITLE		SCALE	
DE APPR.	N/A	EYE AND FORK SWIVEL - S.C.D		NTS	
DATE	11.05.18	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
OTHER : _____									



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36355**

Purchase Order Date 5/17/2017

PO Print Date 5/17/2017

Page Number 2 of 4

Order From :

VU-MCM001

Ship To : DART AEROSPACE LTD

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 330 995 5500

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

3	92311A599	SET SCREW	5/19/2017 Yes 5/19/2017	200.00 Each	\$0.20	\$40.52
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AS PER DWG D2712 REV. B
B161464

Line Total: \$40.52

4	30365T35	Swivel Eye & Fork	5/19/2017 Yes 5/19/2017	4.00 Each	\$69.79	DAS 38 9-89 \$279.16
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AS PER DWG D4405 REV. A
B161455

Line Total: \$279.16

5	8555K999	Self-Lubricating MDS- Filled Nylon Sheet 1/32" x 12" x 24"	5/19/2017 FN Yes 5/19/2017	4.00 sf	\$6.22	\$24.88
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Line Total: \$24.88

Note:

5/17/2017



McMASTER-CARR®

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO36355

Order Placed By
Chantal Lavoie

McMaster-Carr Number
3417413-02

Page 1 of 1

05/17/2017

Line	Product	Ordered	Shipped
1	91343A100 316 Stainless Steel Serrated Flange Locknut Super-Corrosion-Resistant, 1/4"-20 Thread Size, Packs of 10	2 Packs	2
3	92311A599 18-8 Stainless Steel Cup-Point Set Screw 5/16"-24 Thread, 5/8" Long, Packs of 50	4 Packs	4
4	30365T35 Eye-to-Clevis Swivel - Not for Lifting 316 Stainless Steel, 5-3/4" Long	4 Each	4
6	10815T21 Floating Flashlight 40 Lumens Brightness	4 Each	4
7	2172T11 6-Piece Foam Hardness Sample Pack	1 Pack	1

SP17-5-21

DAS
38
7-89

Expected to ship

5	8555K999 Self-Lubricating MDS-Filled Nylon Sheet 1/32", Thick, 12" X 24", with Lot and Batch Certificate	4 Each	4 Jun 1-7
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Notes about your shipment

The U.S. Department of Transportation regulates the shipping of line 6. By purchasing from McMaster-Carr Supply Company, you agree to transport or permit others to transport purchased items except in accordance with U.S. law and any other applicable laws.

McMaster-Carr Supply Company
 200 Aurora Industrial Pkwy
 Aurora, OH 44202-8087 USA
 Phone: 330-995-5500 Fax: 330-995-9600
 E-Mail: cle.sales@mcmaster.com
 Employer Identification Number (EIN): 36-1458720

Invoice: 30226615
 Purchase Order: PO36355
 Release:
 McMaster-Carr Number: 3417413-02

ORIGINAL COMMERCIAL
INVOICE
 CERTIFICATE OF ORIGIN

Ultimate Destination:
 Dart Aerospace Ltd
 1270 Aberdeen St
 Hawkesbury ON K6A 1K7
 Canada

Shipped: 17-May-2017 FOB: ORIGIN
 Shipper's Export Declaration (SED):
 NO EEI 30.36

Intermediate Consignee:

Bill To:
 Dart Aerospace Ltd
 1270 Aberdeen St
 Hawkesbury ON K6A 1K7
 Canada
 Tax Number:

Forwarding Agent:

Billing
 Attention:
 Shipping
 Attention:
 Contact:

Line	Description	Qty & Unit	Unit Price	Extension
1	91343A100 316 Stainless Steel Serrated Flange Locknut Super-Corrosion-Resistant, 1/4"-20 Thread Size, Packs of 10 Country of Origin: Taiwan Schedule B #: 731816 ECCN #: EAR99 NLR	2 PK	\$3.83	\$7.66
3	92311A599 18-8 Stainless Steel Cup-Point Set Screw 5/16"-24 Thread, 5/8" Long, Packs of 50 Country of Origin: Taiwan Schedule B #: 731815 ECCN #: EAR99 NLR	4 PK	\$10.13	\$40.52
4	30365T35 Eye-to-Clevis Swivel - Not for Lifting 316 Stainless Steel, 5-3/4" Long Country of Origin: Peoples Republic of China Schedule B #: 732690 ECCN #: EAR99 NLR	4 EA	\$69.79	\$279.16
6	10815T21 Floating Flashlight 40 Lumens Brightness Country of Origin: Peoples Republic of China Schedule B #: 851310 ECCN #: EAR99 NLR	4 EA	\$5.88	\$23.52
7	2172T11 6-Piece Foam Hardness Sample Pack Country of Origin: United States Schedule B #: 400811 ECCN #: 1C008 NLR	1 PK	\$31.40	\$31.40

Handwritten: 3077-5-21

Handwritten: DAS 38 9-88

Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.

Shipping Weight (in kgs): 5 Number of Packages: 1

Package Dimensions:
 31 X 31 X 32 CM = .032 CUBIC M

Invoice Amounts:
 Merchandise Amount: \$382.26
 Canadian GST/HST: \$51.62
 Shipping Charges: \$14.80
 Total (In USD): \$448.68

Payment Terms: 2% discount on merchandise only if paid within 10 days, net 30 days

Authorized Signature: *Sarah Weinberg* Date: 17-May-2017

Remit payment to: (by mail) McMaster-Carr Supply Company PO Box 7690 Chicago, IL 60680-7690 USA
 (by wire transfer) Bank of America 222 Broadway New York, NY 10038 Account 86666-02021 SWIFT BOFAUS3N

Name: Sarah Weinberg Title: Operations Mgr. Page 1 of 2

McMaster-Carr Supply Company
200 Aurora Industrial Pkwy
Aurora, OH 44202-8087 USA

Phone: 330-995-5500

Fax: 330-995-9600

E-Mail: cle.sales@mcnaster.com

Employer Identification Number (EIN): 36-1458720

Invoice: 30226615

Purchase Order: PO36355

Release:

McMaster-Carr Number: 3417413-02

ORIGINAL COMMERCIAL

INVOICE

CERTIFICATE OF ORIGIN

NOTE

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NOTE

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.

NOTE

Tracking number(s) for this shipment:
CPK005484944

SP7-5-21